

## ABSTRACT

An exhaust gas sensor includes a sensor element configured to communicate with an exhaust gas of an internal combustion engine, and a contact pin assembly including a first portion configured to be electrically connected to the sensor element when the contact pin assembly is installed in the exhaust gas sensor. The contact pin assembly also includes a second portion configured to be connected to the first portion in either of a first configuration, in which the contact pin assembly has a first overall length, and a second configuration, in which the contact pin assembly has a second overall length less than the first overall length.

The second portion is selectively connected to the first portion in the first configuration or the second configuration depending on a length of the exhaust gas sensor.

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